

Converting Colors

XYZ(26.8293, 31.8233, 35.1227)

Have a look what the booklet for
XYZ(26.8293, 31.8233, 35.1227)
contains.

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Color

**XYZ(26.8610, 31.8347,
35.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA09A
RGB	125, 160, 154
RGB Percent	49%, 63%, 60%
CMY	0.5098, 0.3725, 0.3961
CMYK	0.22, 0.00, 0.04, 0.37
HSL	170°, 16%, 56%
HSV	170°, 22%, 63%
XYZ	26.8610, 31.8347, 35.3008
YIQ	148.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

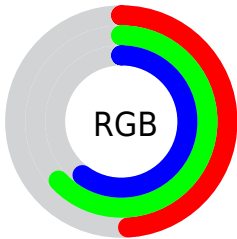
Format	Color
RYB	125, 144, 160
Decimal	8233114
CIELab	63.21, -13.29, -0.83
CIElCh	63, 13.312, 183.588
Yxy	31.8347, 0.2858, 0.3387
Android (android.graphics.Color)	4286423194 (0xFF7DA09A)
YUV	148.8510, 2.5385, -20.9173
Hunter-Lab	56.4222, -13.7602, 2.4006

Details

The XYZ color **26.8610, 31.8347, 35.3008** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9287, 23.7804, 24.6976**, and the grayscale version is **28.5005, 29.9848, 32.6534**.

A 20% lighter version of the original color is **54.0457, 62.6199, 68.9129**, and **10.7124, 13.2003, 14.8153** is the 20% darker color. If you saturate the color by 10%, you get **24.4851, 30.6368, 34.0108**, and if you desaturate by 10%, it is **29.6203, 33.2313, 36.6373**.

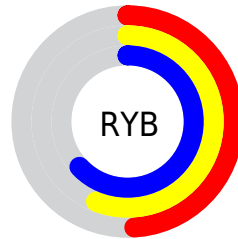
Distribution



Red (49%)

Green (63%)

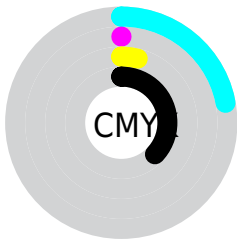
Blue (60%)



Red (49%)

Yellow (56%)

Blue (63%)

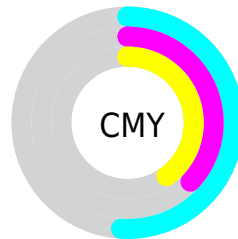


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8610, 31.8347, 35.3008 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.8610, 31.8347, 35.3008 by changing the saturation by 10% instead.

■ 26.8610, 31.8347,
35.3008

■ 26.8610, 31.8347,
35.3008

279.1633,
310.3656, 340.8386

■ 17.6049, 21.2353,
23.6093

■ 54.0822, 62.5519,
69.1083

■ 10.7647, 13.2961,
14.8345

■ 72.7780, 83.4384,
92.0614

■ 5.9749, 7.6327,
8.5580

■ 95.3511, 108.5227,
119.6055

■ 2.8704, 3.8609,
4.3612

122.1669,
138.1893, 152.1590

■ 1.0856, 1.5960,
1.8255

153.5906,
172.8225, 190.1405

■ 0.0130, 0.3549,
0.4447

189.9877,

■ 0.0000, 0.0000,

212.8066, 233.9686

0.0000

231.7235,
258.5262, 284.0618

■ 26.8610, 31.8347,
35.3008

■ 26.8610, 31.8347,
35.3008

■ 24.4851, 30.6368,
34.0108

■ 29.6203, 33.2313,
36.6373

■ 22.4717, 29.6244,
32.7642

■ 32.7770, 34.8313,
38.0193

■ 20.8024, 28.7887,
31.5606

■ 36.3479, 36.6442,
39.4482

■ 19.4558, 28.1188,
30.3989

■ 40.3478, 38.6777,
40.9250

■ 18.4080, 27.6024,
29.2777

■ 44.7910, 40.9391,
42.4506

■ 17.6321, 27.2256,
28.1956

■ 49.6910, 43.4354,
44.0256

■ 17.0961, 26.9718,
27.1508

■ 55.0608, 46.1732,
45.6510

■ 16.7750, 26.8242,
26.3266

■ 60.9127, 49.1589,
47.3274

■ 61.9173, 49.6451,
48.8056

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1973, 31.8347, 30.3461



26.8610, 31.8347, 35.3008



27.4041, 31.8347, 40.5784

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.8610, 31.8347, 35.3008



32.2586, 31.8347, 43.8114



31.8599, 31.8347, 26.3533

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.8610, 31.8347, 35.3008



25.9287, 23.7804, 24.6976

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.3033, 31.8347, 29.3516



26.8610, 31.8347, 35.3008



33.5400, 31.8347, 39.3702

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.8610, 31.8347, 35.3008



30.4800, 31.8347, 45.7960



33.9298, 31.8347, 34.0321



30.0370, 31.8347, 25.4978

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.8610, 31.8347, 35.3008



28.2051, 31.8347, 43.4773



33.9298, 31.8347, 34.0321



32.4080, 31.8347, 27.1279

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.8619, 31.8360, 35.3015



56.4046, 61.6657, 67.6988



25.6982, 31.4823, 24.1249



12.3033, 13.4902, 14.8178



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8619, 31.8360, 35.3015



46.6909, 56.7520, 63.0004



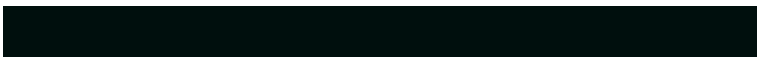
25.5379, 28.3677, 37.3888



6.7730, 7.4899, 8.2391



13.0810, 20.9004, 20.5816



0.2457, 0.3784, 0.4300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.9287, 23.7804, 24.6976



44.7059, 39.6065, 40.4375



27.0159, 26.5871, 23.1105



6.6772, 6.6638, 7.1512



11.4631, 5.8898, 1.4237



0.2163, 0.1098, 0.0851

Previews

White Background



This preview shows how the XYZ color 26.8610, 31.8347, 35.3008 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.8610, 31.8347, 35.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

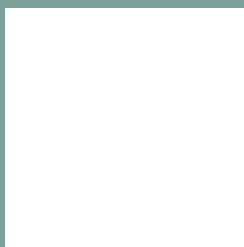
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8610, 31.8347, 35.3008

Background



This preview shows how black text looks on a background with the XYZ color 26.8610, 31.8347, 35.3008.

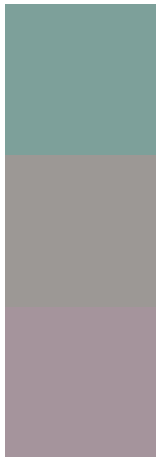


This preview shows how white text looks on a background with the XYZ color 26.8610, 31.8347,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.8610, 31.8347, 35.3008

Protanopia

30.3634, 31.6943, 32.9511

Deuteranopia

32.1077, 31.5794, 35.8557



Tritanopia

28.3846, 31.9452, 42.7002

Trichromacy



Original Color

26.8610, 31.8347, 35.3008

Protanomaly

28.9843, 31.6968, 33.8686

Deuteranomaly

29.7223, 31.3071, 35.4867

Tritanomaly

27.8514, 31.9886, 39.8285

Monochromacy



Original Color

26.8610, 31.8347, 35.3008

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7924, 30.5923, 33.7182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8610, 31.8347, 35.3008 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.8610, 31.8347, 35.3008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 160, 154) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(125, 160, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(125, 160, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8610, 31.8347, 35.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
160, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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